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17264  
U.S. PTO
**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No.

500378.03

February 17, 2004

First Inventor or Application Identifier

Alan R. Reinberg

Title

OXIDATIVE CONDITIONING COMPOSITIONS FOR METAL OXIDE  
LAYER AND APPLICATIONS THEREOF

Express Mail Label No.

EL 646074289 US

U.S.P.T.O.  
16834 10/17/04  
16834 10/17/04**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

**ADDRESS TO:**Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-14501.  Fee Transmittal Sheet (+ copy)  
(Submit an original and a duplicate for fee processing)2.  Applicant(s) Claim(s) Small Entity Status3.  Specification [Total Pages] 30  
(preferred arrangement set forth below)  

- Descriptive Title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4.  Drawing(s) (35 USC 113) [Total Sheets] 15.  Oath or Declaration [Total Pages] 1

- a.  Newly executed (original or copy)
- b.  Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
  - i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 CFR 1.63(d)(2) and 1.33(b)

6.  Application Data Sheet (37 C.F.R. 1.76)

- 7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- 8.  Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a.  Computer-Readable Form (CRF)
  - b.  Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

- 9.  Certification Under 35 U.S.C. 122(b)(2)(B)(i)
- 10.  Assignment Papers (cover sheet & document(s))
- 11.  37 CFR 3.73(b) Statement  
(when there is an assignee)  Power of Attorney
- 12.  English Translation Document (if applicable)
- 13.  Preliminary Amendment Total Pages 7
- 14.  Return Receipt Postcard
- 15.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
- 16.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
- 17.  Other: Certificate of Express Mail; Check

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment

 Continuation  Divisional  Continuation-In-Part (CIP) of prior Application No.: 10/158,650 Filed May 29, 2002  
which is a divisional of No.: 08/989,694 Filed December 12, 1997Prior application information: Examiner Stephen J. Stein Group / Art Unit 1775 Incorporation By Reference (useable if box 5b is checked)

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

 Claims the benefit of Provisional Application No. \_\_\_\_\_**CORRESPONDENCE ADDRESS**

Mark W. Roberts, Ph.D.

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Seattle, Washington 98101-4010

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Customer No. 27,076

TYPED or PRINTED NAME Mark W. Roberts, Ph.D.REGISTRATION NO. 46,160SIGNATURE Mark W. RobertsDate 02/17/04

# FEE TRANSMITTAL SHEET (FOR FY 2004)

Complete if Known	
Express Mail No.	EL 646074289 US
Filing Date	Concurrently Herewith
First Named Inventor	Alan R. Reinberg
Group Art Unit	Not Yet Assigned
Examiner	Not Yet Assigned
Atty. Docket Number	500378.03

**METHOD OF PAYMENT (Check One)**

1.  The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No.: 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP

2.  Check Enclosed

**FEE CALCULATION**
**1. BASIC FILING FEE**

Large Entity		Small Entity		<u>Fee Description</u>	<u>Fee</u> <u>Code</u>	<u>Fee</u> <u>\$</u>	<u>Fee</u> <u>Code</u>	<u>Fee</u> <u>\$</u>
<u>Fee</u> <u>Code</u>	<u>Fee</u> <u>\$</u>	<u>Fee</u> <u>Code</u>	<u>Fee</u> <u>\$</u>					
1001	770	2001	385	[X] Utility Filing Fee				
1002	340	2002	170	[ ] Design Filing Fee				
1003	530	2003	265	[ ] Plant Filing Fee				
1004	770	2004	385	[ ] Reissue Filing Fee				
1005	160	2005	80	[ ] Provisional Filing Fee				
<b>Subtotal (1)</b>				<b>\$ 770</b>				

**2. EXTRA CLAIM FEES**

Current Claims	Prior	Extra	Fee	Fee Paid
Total      21	-      20	=      1	x      \$ 18	=      \$ 18
Ind.      1	-      3	=      0	x      \$ 86	=      \$ 0
<b>Multiple Dependent Claims</b>				<b>\$</b>
<b>Subtotal (2)</b>				<b>\$ 18</b>

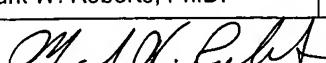
Large Entity		Small Entity		<u>Fee Description</u>	<u>Fee</u> <u>Code</u>	<u>Fee</u> <u>\$</u>	<u>Fee</u> <u>Code</u>	<u>Fee</u> <u>\$</u>
<u>Fee</u> <u>Code</u>	<u>Fee</u> <u>\$</u>	<u>Fee</u> <u>Code</u>	<u>Fee</u> <u>\$</u>					
1202	18	2202	9	Claims in excess of 20				
1201	86	2201	43	Independent claims in excess of 3				
1203	290	2203	145	Multiple dependent Claim				
1204	86	2204	43	Reissue independent claims over original patent				
1205	18	2205	9	Reissue claims in excess of 20 and over original patent				

**3. ADDITIONAL FEES**

Large Entity	Small Entity	Fee Description	Fee paid
1051	130	2051 Surcharge - Late filing fee or oath	\$
1052	50	2052 Surcharge - late provisional filing fee or cover sheet	\$
1053	130	1053 Non-English specification	\$
1812	2,520	1812 For Filing a Request for ex parte Reexamination	\$
1804	920	1804 Requesting publication of SIR prior to Examiner action	\$
1805	1,840	1805 Requesting publication of SIR after Examiner action	\$
1251	110	2251 Extension for reply within first month	\$
1252	420	2252 Extension for reply within 2 <sup>nd</sup> month	\$
1253	950	2253 Extension for reply within 3 <sup>rd</sup> month	\$
1254	1,480	2254 Extension for reply within 4 <sup>th</sup> month	\$
1255	2,010	2255 Extension for reply within 5 <sup>th</sup> month	\$
1401	330	2401 Notice of Appeal	\$
1402	330	2402 Filing a brief in support of an appeal	\$
1403	290	2403 Request for oral hearing	\$
1814	110	2814 Terminal Disclaimer Fee	\$
1452	110	2452 Petition to revive – unavoidable	\$
1453	1,330	2453 Petition to revive – unintentional	\$
1501	1,330	2501 Utility/Reissue issue fee	\$
1502	480	2502 Design issue fee	\$
1503	640	2503 Plant issue fee	\$
1460	130	1460 Petitions to the Commissioner	\$
1807	50	1807 Processing fee under 37 CFR 1.17(q)	\$
1806	180	1806 Submission of IDS	\$
8021	40	8021 Recording each patent assignment per property (times number of properties)	\$
1801	770	2801 Request for Continued Examination (RCE)	\$
<b>Other fee (specify)</b>			
<b>Subtotal (3)</b>			

**Total Amount of Payment:** **\$ 788**

Submitted by:

Name: Mark W. Roberts, Ph.D.	Reg. No.: 46,160	Telephone: (206) 903-8800
Signature: 		Date: 02/17/09

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Alan R. Reinberg

Attorney Docket No.: 500378.02

Filed : Concurrently Herewith

Title : OXIDATIVE CONDITIONING COMPOSITIONS FOR METAL OXIDE LAYER AND  
APPLICATIONS THEREOFGENERAL AUTHORIZATION

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

With respect to the above-identified application, the Commissioner is authorized to charge any fees under 37 C.F.R. §§ 1.16 and 1.17 which may be required and to treat any concurrent or future reply requiring a petition for an extension of time under 37 C.F.R. § 1.136(a)(3) for its timely submission as incorporating a petition therefor for the appropriate length of time and to charge any fees which may be required during the course of prosecution, or credit any overpayment, to Deposit Account No. 50-1266.

Date 02/19/04  
\_\_\_\_\_  
Mark W. Roberts, Ph.D.  
Registration No. 46,160

MWR:pep

1420 Fifth Avenue, Suite 3400  
Seattle, WA 98101-4010  
(206) 903-8800  
Fax (206) 903-8820

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Alan R. Reinberg

Attorney Docket No.: 500378.03

Filed : February 17, 2004

Title : OXIDATIVE CONDITIONING COMPOSITIONS FOR METAL OXIDE LAYER  
AND APPLICATIONS THEREOF

**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**

MAIL STOP PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

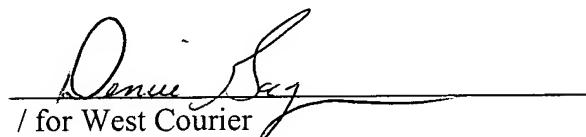
Alexandria, VA 22313-1450

Sir:

I hereby certify that the enclosures listed below are being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 C.F.R. § 1.10, Mailing Label Certificate No. EL 646074289 US, on February 17, 2004, addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,

DORSEY & WHITNEY LLP



/ for West Courier

MWR:pep

Enclosures:

- Postcard
- Check
- PTO/SB/05 Utility Patent Application Transmittal
- Application Data Sheet
- Fee Transmittal Sheet (+ copy)
- General Authorization
- Preliminary Amendment
- Specification, Claims, Abstract (30 pages)
- 1 Sheets of Drawings (Figures 1-4)
- Copy of Declaration
- Copy of Revocation and Substitute Power of Attorney
- Information Disclosure Statement and Form PTO-1449